

AMENDMENTS TO THE SPECIFICATION

Please replace the title with the following:

Kits for Rolling Circle Amplification

Please replace the abstract with the following:

The present invention provides Mmethods and compositions suitable for accomplishing ~~the *in vitro* rolling circle~~ amplification of nucleic acid molecules ~~via enzymatic means are provided.~~ In particular, the present invention provides a kit suitable for rolling circle amplification including at least one primer and a polymerase having the ability to exponentially amplify a circular nucleic acid molecule. ~~The preferred means employ circular rather than linear replicons. Means for producing such circular replicons from linear reactants are also provided.~~

On page 1, please replace the paragraph under the heading **CROSS-REFERENCE TO RELATED APPLICATIONS** with the following:

This application is a continuation of U.S. patent application Ser. No. 10/143,862 (filed May 14, 2002, which issued on May 25, 2004, as U.S. Pat. No. 6,740,745), which is a continuation of U.S. patent application Ser. No. 09/899,834 (filed Jul. 9, 2001, which issued on September 10, 2002, as U.S. Pat. No. 6,448,017), which application is a continuation-in-part of U.S. patent application Ser. No. 09/657,943 (filed Sep. 8, 2000, which issued on Jul. 17, 2001, as U.S. Pat. No. 6,621,808), which application is a continuation-in-part of U.S. patent application Ser. No. 09/188,214 (filed Nov. 9, 1998, which issued on Apr. 17, 2001, as U.S. Pat. No. 6,218,152), which application is incorporated herein by reference in its entirety, and which is a continuation application of U.S. patent application Ser. No. 08/906,491 (filed Aug. 5, 1997, which issued on Nov. 10, 1998, as U.S. Pat. No. 5,834,202), which application is a continuation-in-part of U.S. patent application Ser. No. 08/595,226 (filed Feb. 1, 1996; issued Mar. 31, 1998, as U.S. Pat. No. 5,733,733), which is a continuation-in-part of U.S. patent application Ser. No. 08/533,852 (filed Sep. 26, 1995; issued Mar. 25, 1997, as U.S. Pat. No. 5,614,389), which is a

continuation-in-part of U.S. patent application Ser. No. 08/383,327 (filed Feb. 3, 1995; issued Jan. 7, 1997, as U.S. Pat. No. 5,591,609), which is a continuation-in-part of PCT Application No. PCT/US93/07309 (filed Aug. 4, 1993), which is a continuation-in-part of U.S. patent application Ser. No. 07/933,945, filed Aug. 24, 1992 (which application was abandoned in favor of continuation application U.S. patent application Ser. No. 08/136,405, filed Oct. 15, 1993, which issued on Oct. 11, 1994 as U.S. Pat. No. 5,354,668), which is a continuation-in-part of U.S. patent application Ser. No. 07/924,643, filed Aug. 4, 1992 (abandoned), all of which are herein incorporated by reference.